

Operator Preventive Maintenance Checks and Services

6630-01-364-8555
Analyzer, Blood Gas, Model 4300M

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	B, A	<p>Analyzer, Blood Gas (GEM Stat)</p> <p>a. Conduct an inventory to ensure that the items listed on the Equipment Parts and Accessories List are on hand.</p> <p>b. Inspect the unit for any damage, discoloration, or excessively worn components.</p> <p>c. Verify that the Medical Equipment Verification/Certification label (DD Form 2163) has a current date.</p>	<p>Missing components or accessories prevent the operation of the unit.</p> <p>Unserviceable components prevent the use of the unit.</p> <p>The unit has not been verified within the last 12 months.</p>
2	B	<p>Preparation and Operational Check Out</p> <p>a. Perform the following procedures to prepare the blood gas analyzer for operation as indicated in the manufacturer's literature:</p> <ul style="list-style-type: none"> (1) Preparing the GEM Stat for operation. (2) Inspecting GEM Stat components. (3) Installing printer paper. (4) Summary of operation. (5) Setting the time and date. (6) Setting the other GEM Stat options. (7) Inserting the GEM Stat. <p>b. Perform the following procedures to verify the analyzer's performance as indicated in the manufacturer's literature:</p> <ul style="list-style-type: none"> (1) Check the analyzer's performance. (2) Calibrate. <ul style="list-style-type: none"> (a) Detecting calibration failures (b) Correcting calibration failures (c) Checking value limit (3) Ensure quality control. <ul style="list-style-type: none"> (a) QC frequency <ul style="list-style-type: none"> [1] State QC requirements [2] Federal QC requirements 	<p>The unit fails to perform correctly.</p> <p>The unit fails to perform correctly or fails calibration.</p>

Operator Preventive Maintenance Checks and Services

6630-01-364-8555
Analyzer, Blood Gas, Model 4300M

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
3	B	<p>(b) Verifying analyzer's performance</p> <p>(c) Interpreting the QC results</p> <p>Operation Conduct the operating procedures as directed by the Operator's Manual and Comprehensive Service Manual.</p> <p>a. Running a sample.</p> <p>(1) Collect the blood sample.</p> <p>(2) Analyze the sample.</p> <p>b. Retrieving Information.</p> <p>(1) Duplicate the printout of the last sample.</p> <p>(2) Determine cartridge status.</p> <p>(3) Print all samples run on a cartridge.</p> <p>(4) Print all quality control samples run on a cartridge.</p> <p>(5) Print all samples run on one day on a cartridge.</p> <p>(6) Print the most recent calibration statistics.</p> <p>(7) Printing All Calibration Statistics for a Cartridge</p> <p>c. Using other Gem Stat functions</p> <p>(1) Enter and Exit standby mode</p> <p>(2) Initiate a two-point calibration</p> <p>(3) Remove the Gem Stat "Pak" cartridge</p> <p>(4) Turn the Gem Stat off</p>	
4	B, A	<p>Maintenance Conduct the Gem Stat maintenance and storage as directed by the manufacturer's operator's manual.</p>	

Operator Preventive Maintenance Checks and Services

6630-01-364-8555
Analyzer, Blood Gas, Model 4300M

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
		<p>a. Clean the instrument.</p> <p>b. Clean or change the filter.</p> <p>c. Store the Gem Stat.</p>	<p>Any indication of leakage in the sensor heater block.</p> <p>The filter is missing or unserviceable.</p>